

OIL ANALYSIS REPORT

VOLVO PENTA

HARTZELL 520-286 JAY VOLVO PENTA 3200005002 - STARBOARD IPS

Sample No: VPA057302

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA057302	---	---	---
Sample Date	08 Dec 2023	---	---	---
Machine Hours	68	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 96.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 5	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 27	---	---	---
Copper	ppm	10	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	961	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1561	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	566	---	---	---

Depot: VP153685
Unique No: 10816486
Signed: Angela Borella
Report Date: 04 Jan 2024

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GRAPHS

